UI Bulletin #146c

Subject:	Partial Exhaust System Removal to enable installation of a PTO.
Model Year(s) Affected:	2019
Vehicle Models	Chevrolet Silverado 4500HD, 5500HD and 6500HD
Origination Date:	October 11, 2018
Revision Date:	February 12, 2019

ADVISORY:

Updated to provide previously unavailable GM part number for clamp

Condition/Concern:

When installing a Power Take Off (PTO) unit on the RH side of the vehicle transmission inadequate clearances with the exhaust system may exist. To enable the installation of the PTO it is recommended the following procedure be used to remove the section(s) of the exhaust system.

Repair/Recommendation:

Prior to disassembly it is recommended that the required replacement exhaust gaskets (P/N 19404934 and 15126137) and Clamp (P/N 19405638) be purchased/on-hand.

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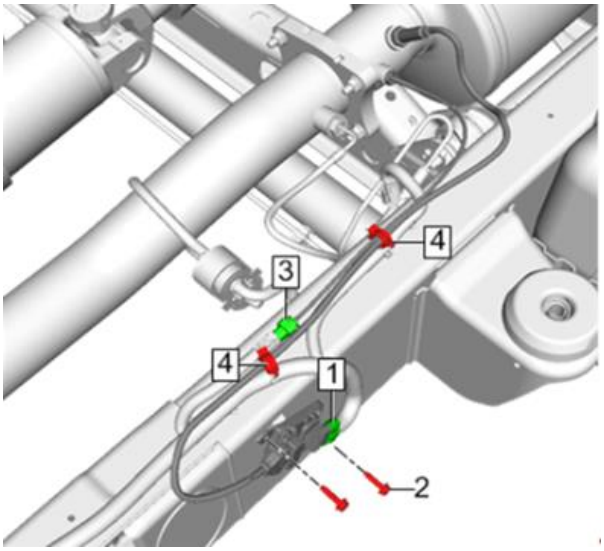
Warm Up Nitrogen Oxides Catalytic Converter

Removal Procedure

1. Emission Reduction Fluid Injector » Remove — Emission Reduction Fluid Injector Replacement



2. Disconnect the nitrogen oxides sensor electrical wiring harness connector (1).
3. Nitrogen Oxides Sensor Bolt (2) » Remove [2x] — Nitrogen Oxides Sensor Replacement - Position 2
4. Disconnect the exhaust temperature sensor electrical wiring harness connector (3).
5. Disconnect the nitrogen oxides sensor wiring from the frame rail retaining clips (4).

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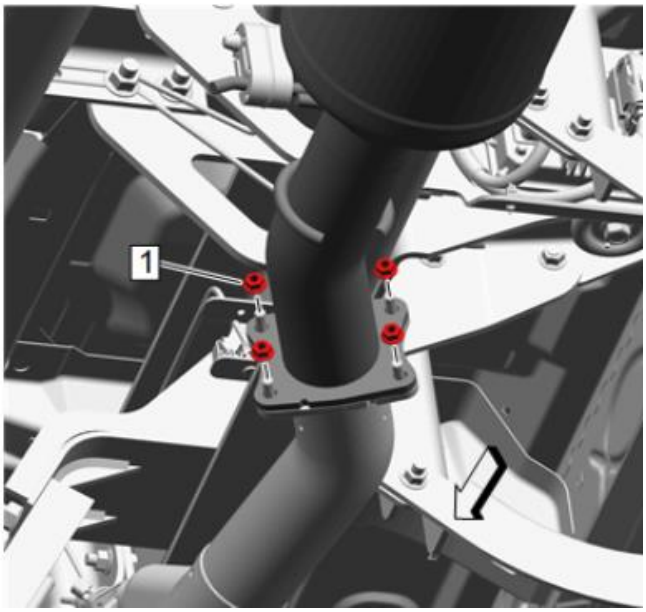
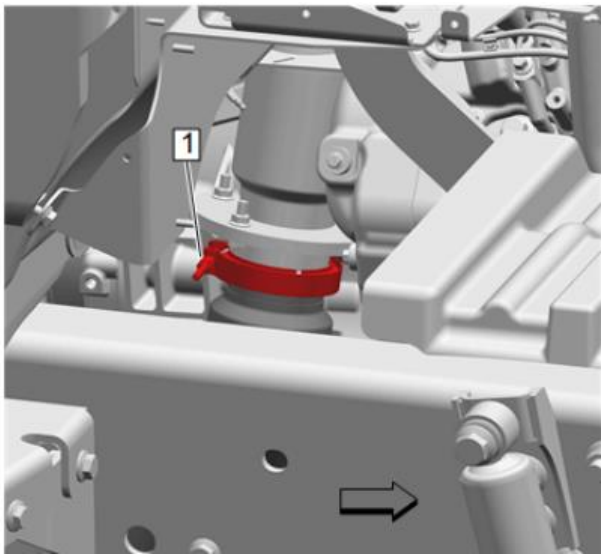


6. Warm Up Nitrogen Oxides Catalytic Converter Nut (1) » Remove [4x]



7. Exhaust Front Pipe Clamp (1) @ Exhaust Front Pipe » Loosen

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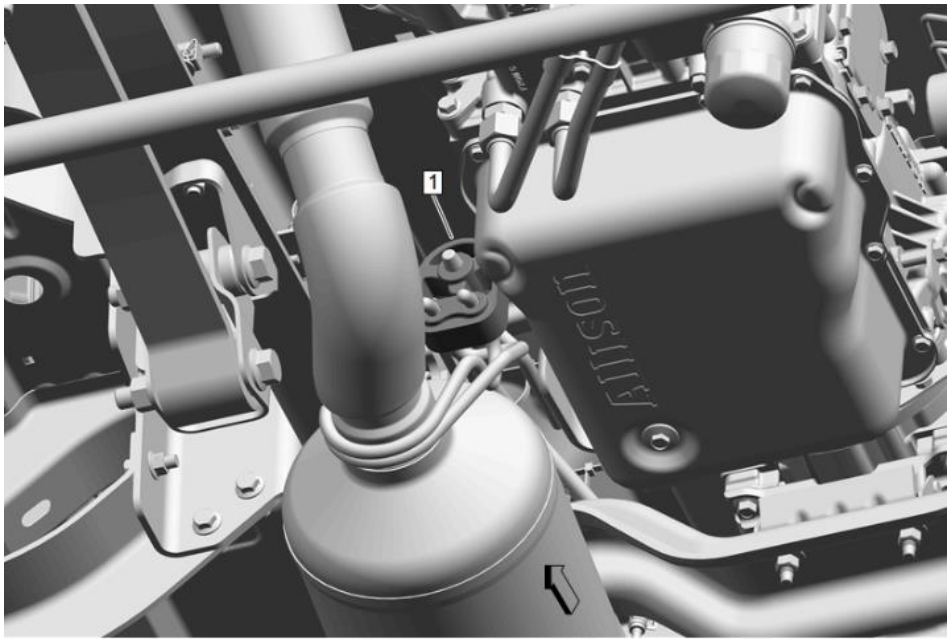
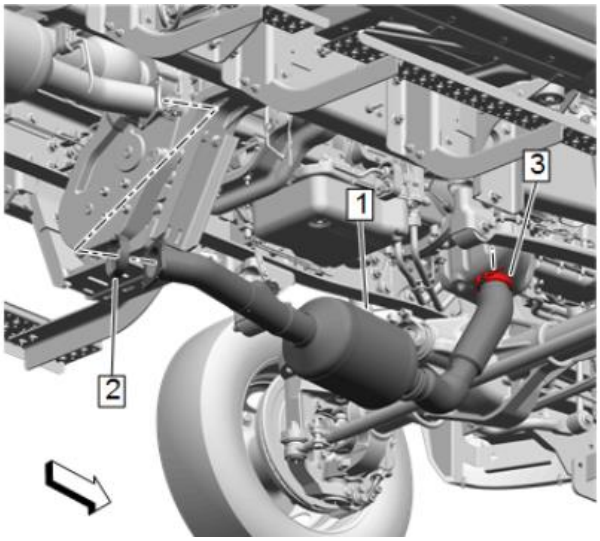


8. Warm Up Nitrogen Oxides Catalytic Converter Insulator (1) @ Exhaust Front Bracket » Separate



9. With the aid of an assistant, lower the warm up nitrogen oxides catalytic converter (1) from the vehicle.
10. Exhaust Gasket (2) » Remove and **DISCARD**

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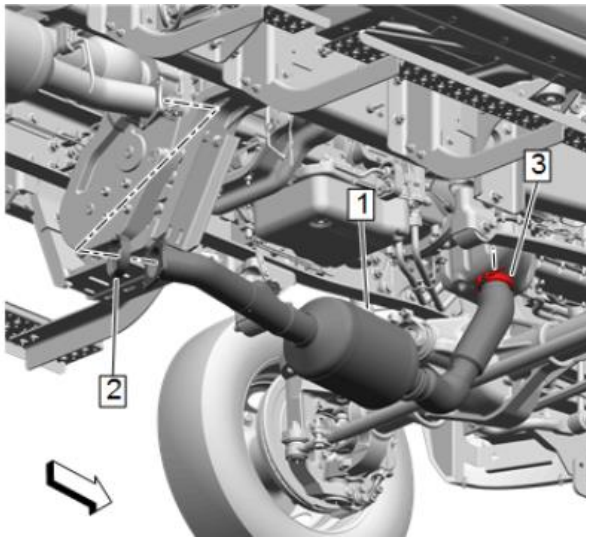
11. Exhaust Front Pipe Clamp (3) » Remove and **DISCARD**
12. Transfer components as necessary.

Installation Procedure



1. Exhaust Front Pipe Clamp and gasket (3) » Install NEW (P/Ns 19405638 & 19404934)
2. Exhaust Gasket (2) » Install NEW (P/N 15126137)
3. With the aid of an assistant, install the warm up nitrogen oxides catalytic converter (1) to the vehicle.

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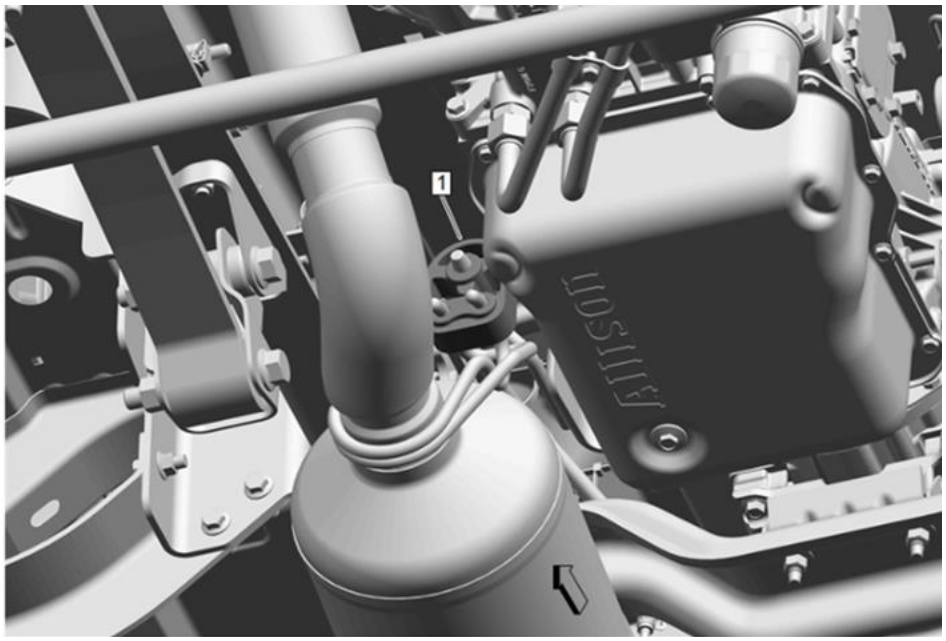
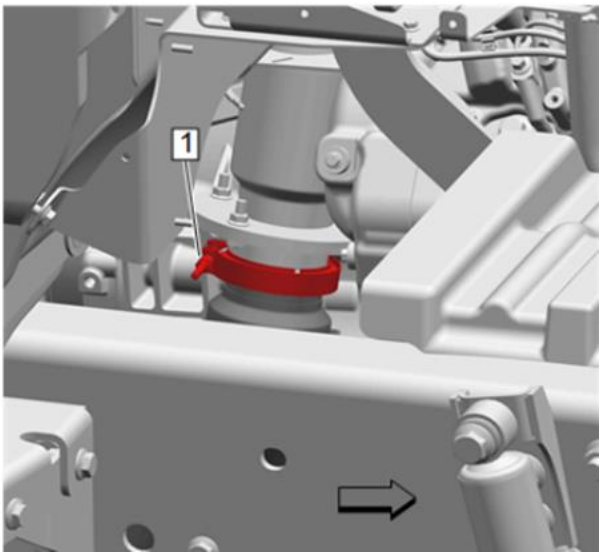


4. Warm Up Nitrogen Oxides Catalytic Converter Insulator (1) @ Exhaust Front Bracket » Install



5. Exhaust Front Pipe Clamp (1) @ Exhaust Front Pipe » Tighten **15 Y (11 lb ft)**

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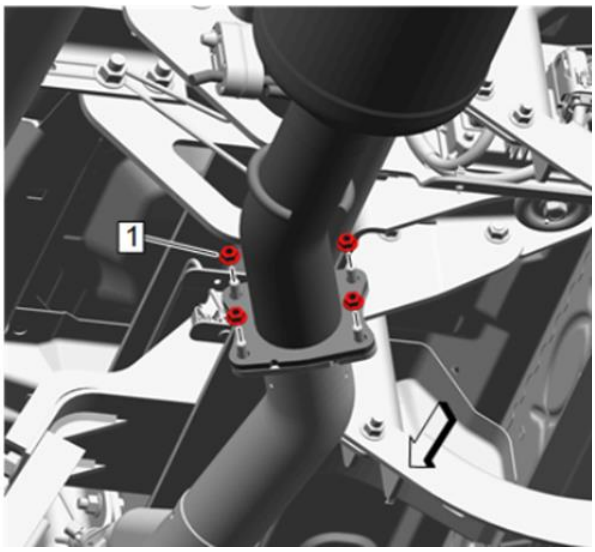
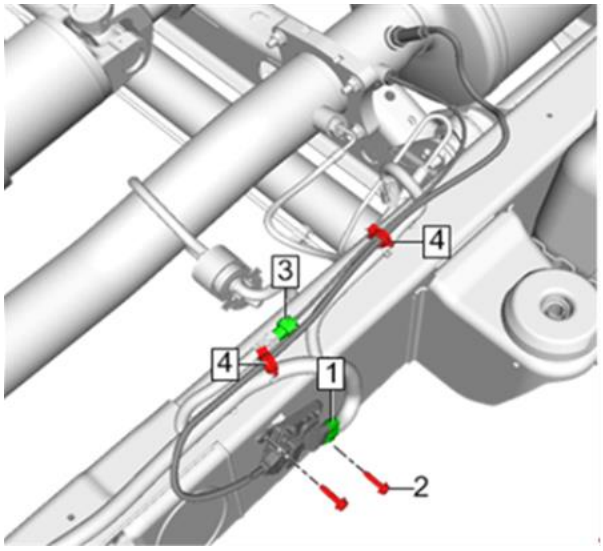


6. Warm Up Nitrogen Oxides Catalytic Converter Nut (1) » Install and tighten [4x] **45 Y (33 lb ft)**



7. Connect the nitrogen oxides sensor wiring to the frame rail retaining clips (4).
8. Connect the exhaust temperature sensor electrical wiring harness connector (3).

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9. Nitrogen Oxides Sensor Bolt (2) » Install [2x] — Nitrogen Oxides Sensor Replacement - Position 2
10. Connect the nitrogen oxides sensor electrical wiring harness connector (1).
11. Emission Reduction Fluid Injector » Install — Emission Reduction Fluid Injector Replacement
12. Start the engine and check for exhaust leaks.
13. Perform the NOx Catalyst Reset. NOx Catalyst Reset
14. If replacing the Warm Up Nitrogen Oxides Catalytic Converter with new, perform the Diesel Particulate Filter (DPF) Regeneration Enable. Diesel Particulate Filter (DPF) Regeneration Enable

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